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Appl. No. 10/678,023
Reply to Office Action of September 4, 2007

PATENT

Amendments to the Claims:

There are presently no amendments to the claims.

Amendments to the Specification

Please replace paragraph [0099] with the following amended paragraph:

[0099] PCR was also conducted to confirm that transformation had occurred. Plant DNA was prepared using the DNAeasy Plant Mini Kit (QIAGEN). The primer GUS_SnaBI (GCC GGG AAA AGT GTA CGT AAG TTT C) (SEQ ID NO:1) was used as a forward primer and GUS_BstBI (GCC CGC TTC GAA ACC AAT GCC) (SEQ ID NO:2) was used as a reverse primer. For each PCR, the amount DNA used was 20 ng for plasmid as positive control and 250 ng for each plantlet. The reaction mixture contained 0.4 mM NTPs, 0.25 mM MgCl₂, 1 μM of each primer, Taq polymerase buffer and 5 unit of Taq polymerase. After heating the samples to 94°C for 3 min, the reaction proceeded with 30 cycles of 94°C for 30 sec, 62°C for 30 sec and 72°C for 60 sec. A final elongation step was carried out at 72°C for 10 min. PCR products were separated by electrophoresis on 0.8% (wt/vol) agarose-ethidium bromide gels. This PCR product showed that the GUS gene was present in the transformed plant genome.